

FIGURE 1A

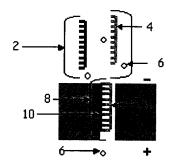


FIGURE 1B

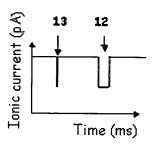


FIGURE 2

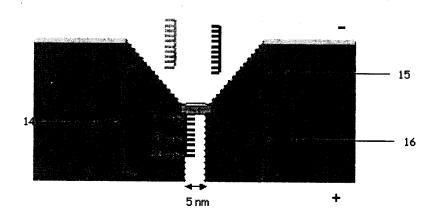


FIGURE 3

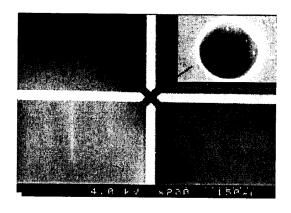


FIGURE 4

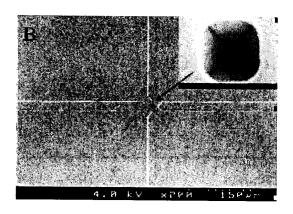


FIGURE 5

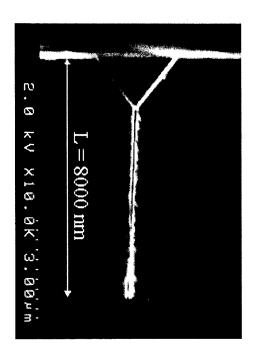


FIGURE 6

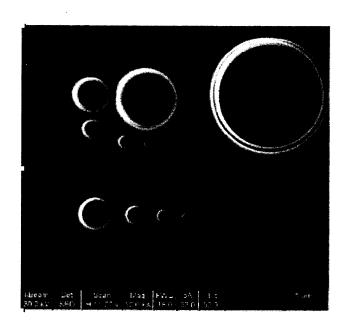


FIGURE 7A

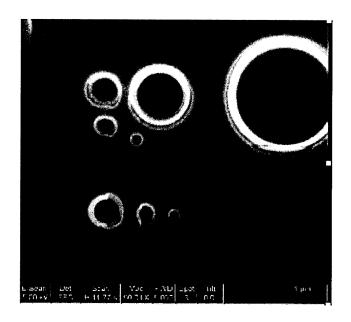
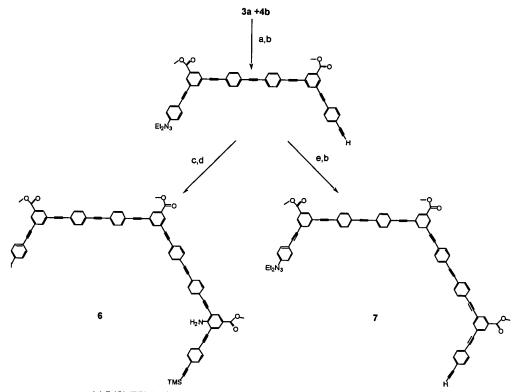


FIGURE 7B

## FIGURE 8

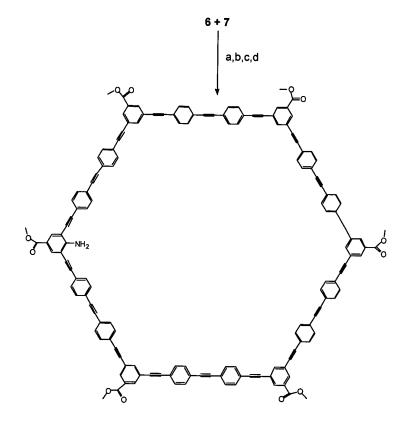
(a) Methanol,  $H_2SO_4$ ; (b)  $PdCl_2(PPh_3)_2$ , Cul, diethylamine, TMSC = CH; (c) methanol, NaOH; (d)  $PdCl_2(PPh_3)_2$ , Cul, diethylamine, 4-triazenephenylacetylene; (f) Mel

## FIGURE 9A



(a)  $PdCl_2(PPh_3)_2$ , Cul, diethylamine; (b) methanol, NaOH; (c)  $PdCl_2(PPh_3)_2$ , Cul, diethylamine, compound **4b**; (d) Mel; (e)  $PdCl_2(PPh_3)_2$ , Cul, diethylamine, compound **4a** 

FIGURE 9B



(a)  $PdCl_2(PPh_3)_2$ , Cul, diethylamine; (b) methanol, NaOH; (c) MeI; (d)  $PdCl_2(PPh_3)_2$ , Cul, diethylamine, highly dilute concentrations

FIGURE 9C